KERBEROS REALM

Clients / Users







Key Distribution Center



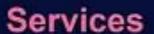




Messages

















Authentication Server

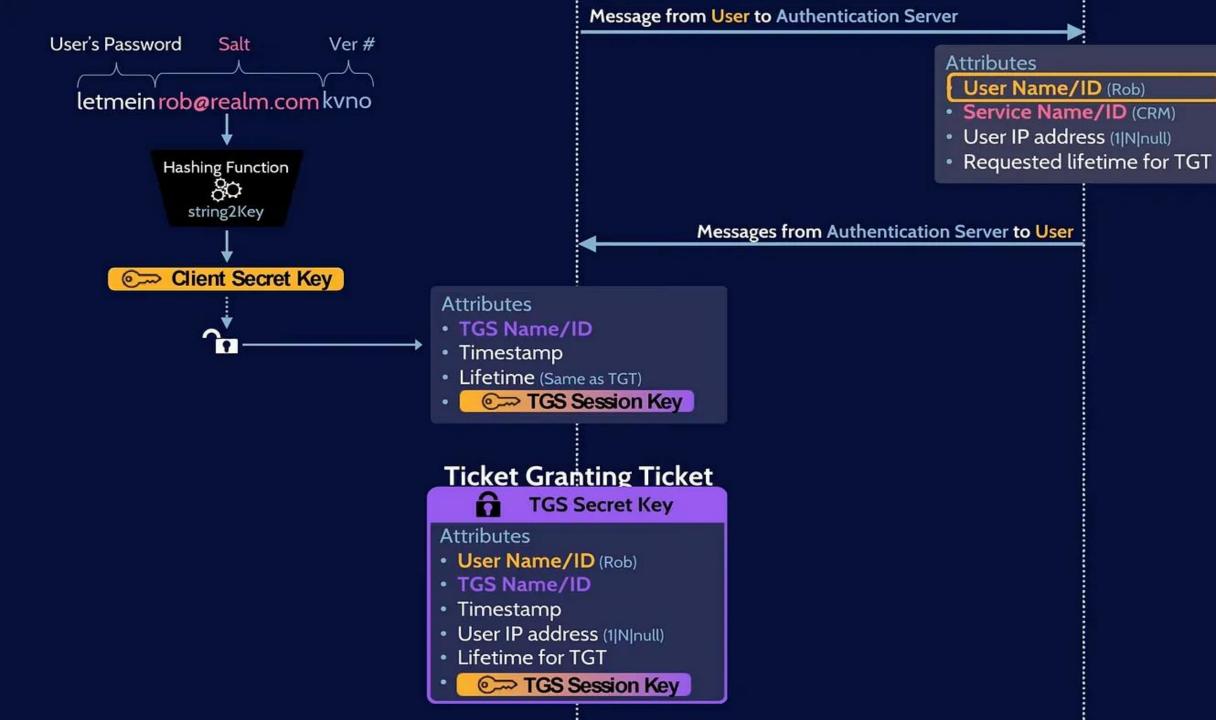
Name/ID	Client Secret Key
Hilda	z&w\H98_RQky
Rob	Bq4s%K"?j7gR
Stella	[p=3Z]X4] <et< td=""></et<>
Tess	j8q]7>9NQ6U_

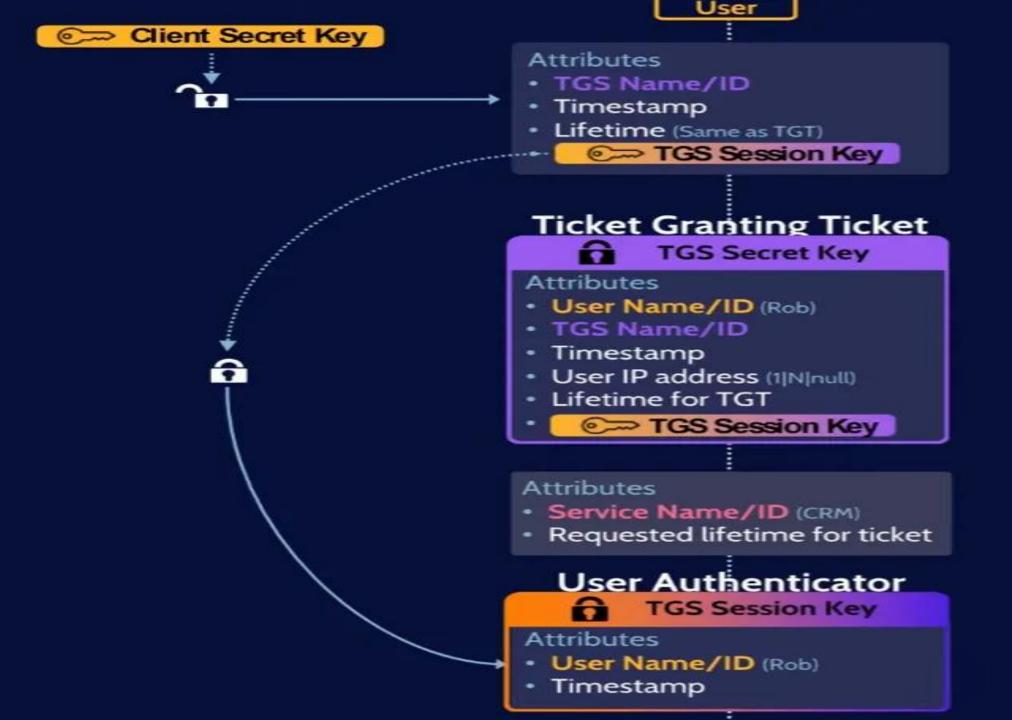
Message from User to Authentication Server

Attributes

User Name/ID (Rob)

- Service Name/ID (CRM)
- User IP address (1|N|null)
- Requested lifetime for TGT





Messages from User to Ticket Granting Server

Ticket Granting Ticket



TGS Secret Key

Attributes

- User Name/ID (Rob)
- TGS Name/ID
- Timestamp
- User IP address (1|N|null)
- Lifetime for TGT
- TGS Session Key

Attributes

- Service Name/ID (CRM)
- Requested lifetime for ticket

User Authenticator



TGS Session Key

Attributes

- User Name/ID (Rob)
- Timestamp





TGS Session Key

Attributes

- Service Name/ID (CRM)
- Timestamp
- Lifetime (Same as TGT)
- Service Session Key

Service Ticket



Service Secret Key

Attributes

- User Name/ID (Rob)
- Service Name/ID (CRM)
- Timestamp
- User IP address (1|N|null)
- Lifetime for Service Ticket
- Service Session Key

Key Distribution Center



Authentication Server

Name/ID	Client Secret Key
Hilda	z&w\H98_RQky
Rob	Bq4s%K"?j7gR
Stella	[p=3Z]X4] <et< td=""></et<>
Tess	j8q]7>9NQ6U_



Ticket Granting Server

Service ID	Service Secret Key
CRM	\$`Sy9n8x~{
Finance	c#4FMzG!"Ve-
Payroll	'7"\$T:]Paq@V
Travel	5Qk&,svW\$4@E

TGS Cache

User Authenticator

Attributes

- User Name/ID (Rob)
- Timestamp



Service Authenticator

Service Session Key

Attributies

- Service Name/ID KRMI
- Timestamp

Service Ticket

Attributes

User Name/ID (Rob)

Service Name/ID (CRM)

Timestamp

User IP address (1|N|null)

Lifetime for Service Ticket

Service Session Key

User Authenticator

Attributes

User Name/ID (Rob)

Timestamp

